

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs                           | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-------------------------------|------------------|---------|------------------|
| L1    | 7     | ((variable and length and (code or abbreviation)) same (macro or map\$3) adj4 (string or phrase)).ti,ab,bsum, and (compress\$4 or decompress\$5) | US-PGPUB; USPAT               | OR               | OFF     | 2010/01/02 21:19 |
| L2    | 1601  | 341/106  | US-PGPUB; USPAT               | OR               | OFF     | 2010/01/02 21:19 |
| L3    | 60    | 341/106 and (macro)  | US-PGPUB; USPAT               | OR               | OFF     | 2010/01/02 21:19 |
| S1    | 16    | 455/468  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:31 |
| S2    | 0     | 455/468.72   | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:31 |
| S3    | 4512  | 455/566  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:31 |
| S4    | 1618  | 455/128  | US-PGPUB; USPAT               | OR               | OFF     | 2007/11/12 21:21 |
| S5    | 2772  | 455/414.1  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:31 |
| S6    | 3766  | 455/557  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:31 |
| S7    | 9     | 455/557.1  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:32 |
| S8    | 11463 | S1 or S2 or S3 or S4 or S5 or S6 or S7   | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:32 |
| S9    | 15    | S8 and (morse adj code)  | US-PGPUB; USPAT               | OR               | OFF     | 2007/06/11 10:32 |
| S10   | 1630  | (programmable or programming) near (phrase or word or sentence)  | US-PGPUB; USPAT; EPO; IBM_TDB | OR               | ON      | 2007/11/12 21:22 |
| S11   | 450   | (phrase or sentence) near (morse code)   | US-PGPUB; USPAT; EPO; IBM_TDB | OR               | ON      | 2007/11/12 21:28 |
| S12   | 0     | (phrase or sentence) near (morse adj code)   | US-PGPUB; USPAT; EPO; IBM_TDB | OR               | ON      | 2007/11/12 21:28 |
| S13   | 4     | (phrase or sentence) near10 (morse adj code)   | US-PGPUB; USPAT; EPO; IBM_TDB | OR               | ON      | 2007/11/12 21:36 |

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|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S14 | 2   | (sms or (short adj message)) near10 (morse adj code)                      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:33 |
| S15 | 0   | (user near (phrase or sentence)) near10 (morse adj code)                  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:37 |
| S16 | 1   | (user near (phrase or sentence)) near10 (sms or (short adj message))      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:37 |
| S17 | 6   | (user near (phrase or sentence)) near10 (encod\$4)                        | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:40 |
| S18 | 39  | (user near (phrase or sentence)) near10 (encod\$4 or cod\$4)              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:37 |
| S19 | 2   | (user near (phrase or sentence)) near10 (text near messag\$4)             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:40 |
| S20 | 270 | ((phrase or sentence)) near10 (text near messag\$4)                       | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:41 |
| S21 | 0   | ((phrase or sentence)) near10 (text near messag\$4) same (morse adj code) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:47 |
| S22 | 237 | (user near defin\$4) near10 ((phrase or sentence))                        | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:49 |
| S23 | 169 | ((user near defin\$4) near4 (phrase or sentence))                         | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:48 |
| S24 | 138 | ((user near defin\$4) near3 (phrase or sentence))                         | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:49 |
| S25 | 0   | ((user near defin\$4) near10 (phrase or sentence)) same (morse adj code)  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2007/11/12 21:49 |

## EAST Search History (Prior Art)

|     |       |   |                               |    |     |                  |
|-----|-------|---|-------------------------------|----|-----|------------------|
| S26 | 25    | ((user near defin\$4) near3 (phrase or sentence)) same (button or key)                    | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON  | 2007/11/12 21:49 |
| S27 | 1     | "20020160818"   | US-PGPUB; USPAT               | OR | OFF | 2008/04/30 17:10 |
| S28 | 1238  | morse adj code  | US-PGPUB; USPAT               | OR | OFF | 2008/04/30 18:11 |
| S29 | 72    | (morse adj code).ab,ti.   | US-PGPUB; USPAT               | OR | OFF | 2008/04/30 18:11 |
| S30 | 7     | S29 and ((wireless or portable or mobile) adj (phone or telephone or terminal or device)) | US-PGPUB; USPAT               | OR | OFF | 2008/04/30 18:13 |
| S31 | 1809  | 455/128   | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S32 | 3682  | 455/414.1   | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S33 | 5487  | S31 or S32  | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S34 | 72    | (morse adj code).ab,ti.   | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S35 | 0     | S33 and S34   | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S36 | 150   | ((user near defin\$4) near3 (phrase or sentence))   | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON  | 2008/05/10 15:52 |
| S37 | 2     | S33 and S36   | US-PGPUB; USPAT               | OR | OFF | 2008/05/10 15:52 |
| S38 | 4     | "09975287"  | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 17:57 |
| S39 | 20    | 455/468   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S40 | 0     | 455/468.72  | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S41 | 7015  | 455/566   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S42 | 2033  | 455/128   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S43 | 4762  | 455/414.1   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S44 | 5052  | 455/557   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S45 | 14    | 455/557.1   | US-PGPUB; USPAT               | OR | OFF | 2009/06/03 18:40 |
| S46 | 17070 | S39 or S40 or S41 or S42 or S43 or S44 or S45   | US-PGPUB; USPAT               | OR | ON  | 2009/06/03 18:40 |

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|     |    |   |                    |    |     |                  |
|-----|----|---|--------------------|----|-----|------------------|
| S47 | 20 | S46 and (morse adj code)                                | US-PGPUB;<br>USPAT | OR | ON  | 2009/06/03 18:40 |
| S48 | 0  | S46 and (morse adj code) same complete                  | US-PGPUB;<br>USPAT | OR | ON  | 2009/06/03 18:40 |
| S49 | 0  | S46 and (morse adj code) same (complete<br>or entirely) | US-PGPUB;<br>USPAT | OR | ON  | 2009/06/03 18:41 |
| S50 | 80 | "5126739"   | US-PGPUB;<br>USPAT | OR | OFF | 2009/12/31 17:22 |

### EAST Search History (Interference)

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